



National Park Service
U.S. Department of the Interior

Rocky Mountain National Park
Continental Divide Research Learning Center
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Estes Park, CO 80517
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Rocky Mountain National Park Research Conference 2006

Schedule for April 4-5, Estes Park Municipal Building

Tuesday, April 4		
Coffee and Introduction	9:00-9:20	Science in the Park
People and Places	9:20-9:40	Rocky Mountain National Park Survey of Historic Resources
	9:40-10:00	Historic Trails of Rocky Mountain National Park, Phase II
	10:00-10:20	Clovis Hunting Bands and Late Pleistocene Deglaciation of High Mountain Tundra and Passes in Rocky Mountain National Park: the case of La Poudre Pass
	10:20-10:40	break
	10:40-11:00	Bison Paleoecology in the Alpine: Preliminary Results of the Radiocarbon and Isotopic Analysis of Two Bison Skulls Collected from a Melting Snow and Ice-patch in Rocky Mountain National Park
	11:00-11:20	Estimating Visitor Use in Rocky Mountain National Park
	11:20-11:40	Quantifying Recreational Impacts along the Glacier Gorge Trail in Rocky Mountain National Park
	11:40-1pm	lunch
Fauna	1:00-1:20	White-tailed Ptarmigan: Ghosts of the Alpine Tundra
	1:20-1:40	Avifaunal Responses to Fire along a Burn Severity Gradient in Forests of the Rocky Mountains
	1:40-2:00	Assessment of the Status and Distribution of Wood Frogs and Western Chorus Frogs in the Kawuneeche Valley
	2:00-2:20	Cervid Use of Mineral Licks and Wallows: Implications for Disease Transmission
	2:20-2:40	break
	2:40-3:00	An Intensive Survey of Zooplankton in Rocky Mountain National Park and Preliminary Assessment of the Effects of Fish Stocking
	3:00-3:20	Mountain Lion Research in Northeastern Colorado
	3:20-3:40	break
	3:40-4:00	Mountain Butterflies and La Nina: Selected Species Responses
	4:00-4:20	An Assessment of Rocky Mountain National Park's Bear Population
Visitor Experiences	4:20-4:40	Visitor Satisfaction at Rocky Mountain National Park along the Highway 7 Corridor
	4:40-5:00	The Senses at Rocky Mountain National Park

Conference information may be found at www.nps.gov/romo

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Wednesday, April 5

<i>Earth and Water</i>	9:00-9:20	Age, Duration and Origin of the Never Summer Volcanic Field, Rocky Mountain National Park
	9:20-9:40	A Niche for Ice: Glaciers Resisting Climate Change in Rocky Mountain National Park
	9:40-10:00	Regional Geochemical Investigations in Rocky Mountain National Park by the U.S. Geological Survey, Mineral Resources Program
	10:00-10:20	Regional Biogeochemical Investigations in Rocky Mountain National Park by Colorado State University and the USGS Mineral Resources Program
	10:20-10:40	<i>break</i>
	10:40-11:00	Use of Chemical and Toxicological Methods to Assess the Presence and Potential Impacts of Polycyclic Aromatic Hydrocarbons Resulting from Recreational Snowmobile Use in Rocky Mountain National Park
<i>Vegetation</i>	11:00-11:20	Testing <i>Bromus tectorum</i> Influence on Arbuscular Mycorrhizal Fungi in the Field Using Restoration Strategies
	11:20-11:40	<i>Bromus tectorum</i> (cheatgrass) at High Elevation: What Are the Roles of Intrinsic and Extrinsic Factors in its Spread?
	11:40-1:00	<i>lunch</i>
	1:00-1:20	Development of a Restoration Plan for Fan Lake
	1:20-1:40	Mechanisms Maintaining Coexistence of Sympatric Cytotypes of <i>Arnica cordifolia</i> (Asteraceae)
	1:40-2:00	The Morphology of Protected Area Boundaries, Rocky Mountain National Park
<i>Poster Session</i>	2:00-3:00	<p>Hindcasting Nitrogen Deposition to Determine an Ecological Critical Load</p> <p>Ozone Risk Assessment on Susceptible Plant Species in the Rocky Mountain National Park According with the USA and Europe Union Criteria</p> <p>Calculating Pre-measurement Atmospheric Deposition, Stream Chemistry, and Soil Chemistry for an Alpine Watershed in Rocky Mountain National Park, Colorado</p> <p>Controls on Soil Acidity in Loch Vale Watershed, Rocky Mountain National Park, Colorado</p> <p>Effects of Elk Herbivory on Alpine Plant Communities on the Elk Summer Range, Rocky Mountain National Park, Colorado: An Analysis of Existing Data</p> <p>Hummingbird Survey</p> <p>The Effects of Airborne Pollutants on Eumycetozoa Abundance and Diversity: A Preliminary Investigation</p> <p>Cost-Effectiveness Analysis of Restoration Approaches in Rocky Mountain National Park</p>
<i>Air and Water</i>	3:00-3:20	Mercury Deposition, Transport, and Bioaccumulation in Rocky Mountain National Park
	3:20-3:40	Nitrogen Deposition and the Pattern of Soil Nutrients at Treeline in the Front Range of Colorado
	3:40-4:00	The Effect of the Grand Ditch on the Abundance of Benthic Invertebrates in the Upper Colorado River

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